

Challenge 2 – Parameters – Spring 2023

Activity 1

$$R1 = 22 \text{ k}\Omega$$

$$R2 = 100 \text{ k}\Omega$$

$$R3 = 47 \text{ k}\Omega$$

$$V = 6 \text{ Volts}$$

Activity 2, Q1

$$R1 = 10 \text{ k}\Omega$$

$$R2 = 4.7 \text{ k}\Omega$$

$$R3 = 10 \text{ k}\Omega$$

$$R4 = 4.7 \text{ k}\Omega$$

$$V = 1 \text{ V}$$

Activity 2, Q2

$$R1 = 10 \text{ k}\Omega$$

$$R2 = 5 \text{ k}\Omega$$

$$R3 = 10 \text{ k}\Omega$$

$$R4 = 2.2 \text{ k}\Omega$$

$$V = 1 \text{ V}$$